



Did You Know?

JPL LIBRARY, ARCHIVES, & RECORDS SECTION

ISSUE NO. 7

APRIL 1998

NATIONAL LIBRARY WEEK '98

by Teresa Bailey

This year the JPL Library will celebrate National Library Week on April 21, 22, and 23 from 11:00 a.m. to 1:00 p.m. in the west end of building 111. The program on Tuesday, April 21 and Thursday, April 23 will include demonstrations of the newest BEACON Web resources and tours of the recently renovated facility. Also, the Online Search Center will demonstrate mediated search capabilities, and attendees will have the opportunity to sign up for sample searches. On Wednesday, April 22 the Lab will celebrate the completion of the Library renovation with a ribbon-cutting ceremony and refreshments in the main service area. There will be tours and a book drawing for NASA Special Publications on all three days.

Program Schedule:

Tuesday, April 21

11:00 BEACON Site Overview

11:30 FirstSearch

12:00 BEACON - Catalog and Online Requests

12:30 Business Resources on BEACON

Wednesday, April 22

11:30 - 12:30 Library Re-Opening Ribbon-Cutting Ceremony and Refreshments

Thursday, April 23

11:00 BEACON Site Overview

11:30 Cambridge Scientific Abstracts

12:00 BEACON Catalog and Online Requests

12:30 Electronic Journals

ACADEMIC PRESS ELECTRONIC JOURNALS

by Barbara Amago

JPL now has full-text electronic access to all the journals published by one of the premier scholarly publishers, Academic Press. Its International Digital Electronic Access Library (IDEAL) is available to all JPL desktops through an arrangement with the California State University library consortium for electronic resources. The titles available are listed on the BEACON Electronic Books and Journals button (<http://beacon>) or you can link to <http://www.idealibrary.com> directly.

There are 175 electronic journals available covering a wide range of scholarly research topics; they are organized into the following subject areas: Biomedical Sciences; Economics, Business, Law, Finance; Life Sciences; Mathematics and Computer Science; Physical and Environmental Sciences; Psychology; and Social Sciences.

Access the site using the selections under "Authorized User Logins." You can browse issues by subject area or by title, search the site using a basic or advanced search template, or use IDEAL's Link Wizard to go directly to the journal, issue, or article you wish to view. The Link Wizard allows you to establish bookmarks directly to frequently used journals so that you do not need to follow a long series of hyperlinks. For search assistance, please contact the JPL Library Reference Desk, Ext. 4-4200.

JPL ARCHIVES WEB SITE

by Elizabeth Moorthy

The Archives home page is currently being redesigned. We want to assist our customers by providing a more user friendly Web site that will be easy to navigate. Several new features will be added to the Web site, including a thumbnail page containing images previously displayed on the "Historical Photo of the Month" page. Customers will be able to click on the thumbnail image and link to an enlarged image with caption. A "Past Historical Photo of the Month Subject Index" will also be provided to assist customers in locating these images by subject. Operational in the spring, a link to BEACON-Archives (a new online information system) will be added to the Archives home page. The URL addresses for the Archives public and internal Web sites are <http://techinfo.jpl.nasa.gov/archives> (public) and <http://techinfo/jpl/sec643/archives.htm> (internal).

SCIENCE MAGAZINE GOES ON LINE

by Barbara Amago

Science magazine offers full-text online access to libraries and to members of the American Association for the Advancement of Science (AAAS). Its Web site (<http://www.sciencemag.org>) successfully combines the traditional elements of the print

LIBRARY

<http://beacon>

Circulation Desk	4-3840
Fax	3-6752
Information & Reference	4-4200
Material Purchase	4-4200
Online Search Center	4-6911

ARCHIVES

<http://techinfo/jpl/sec643/archives.htm>

Fax	7-7121
Information & Reference	7-7674
Secondary Distribution	7-7952

RECORDS

<http://techinfo/jpl/sec643/lrc.htm>

Fax	7-7700
Storage & Retrieval	7-9320

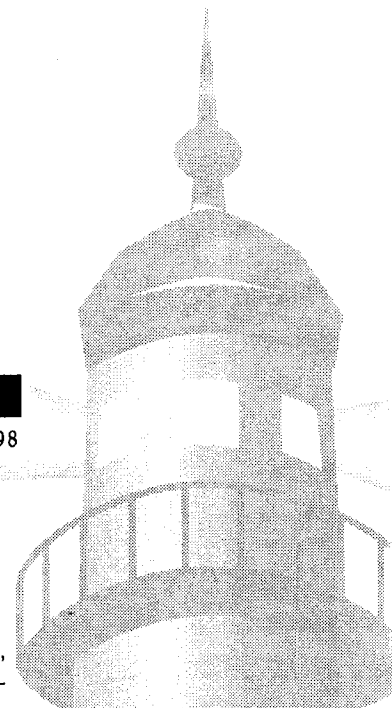
SECTION 643

<http://techinfo/jpl/sec643/lars2.htm>

Office	4-3007
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LOCATIONS AND HOURS MONDAY-FRIDAY

- Library Building 111
7:30 a.m. - 4:45 p.m.
- Archives Building 512
7:30 a.m. - 4:15 p.m.
- Records Building 512
7:30 a.m. - 4:15 p.m.



- medium with the newer and most useful capabilities of the
- electronic medium. All the elements of the traditional magazine are
- presented on the Web in a recognizable and easily accessible form.
- They are enhanced by electronic features such as the ability to
- search a single issue or all issues and access the content immedi-
- ately. Other electronic-only features include: "Science Now" which
- presents daily science news; "Science's Next Wave" which provides
- access to news and opinion forums; "Science Professional Net-
- work" which lists jobs, career resources, and graduate programs;
- and an "Electronic Marketplace." Another advantage to the elec-
- tronic subscription is that the current issue is posted on the Web
- site every Thursday, three days before the print edition is distrib-
- uted. *Science Online* is available at all the public terminals in the
- Library. The cost to add electronic access from your desktop to
- your current subscription to *Science* is \$12; AAAS professional
- memberships, including *Science Online*, are \$120. For more infor-
- mation, please call the Reference Desk, Ext. 4-4200.

THE MEDIATED SEARCH ALTERNATIVE

by Ray Hewitt

- Mediated searches done by a professional librarian are available to
- the JPL community. Librarian-performed searching may be desir-
- able if the topic is complex or if you are unfamiliar with the data-
- bases or search commands. In addition, the librarian has the capa-
- bility to search many databases at once with one search query.
- More than 450 databases from a broad array of disciplines, includ-
- ing aerospace, business, chemistry, engineering, and geology, are
- available online. The JPL Library's Online Search Center will tailor
- a search to your needs. Charges vary and depend on royalty fees,
- length of search, number of years searched, and page charges. Ac-
- cess to free government sources or library-sponsored database
- sources such as *CompendexWeb*, *First Search*, *Science Citation Index*,
- *UnCover*, *Cambridge Scientific Abstracts*, or *Business ASAP* are used
- when warranted. Turnaround time for a completed search varies,
- depending on its complexity.

- You may request a search by calling or visiting the Online Search
- Center, 111-106A, Ext. 4-6911, or you may fax your request to
- Ext. 3-6752. Search requests may also be made through the Li-
- brary Reference Desk at Ext. 4-4200 or through the Library's BEA-
- CON Web page (<http://beacon>). The Library also accepts requests
- through its e-mail address, library@jpl.nasa.gov. When placing
- the request give a brief narrative about your topic, relevant key-
- words, any specific aspects to be excluded, and date or language
- limitations. Include any information about time or cost constraints.
- Search results can be delivered by interoffice mail, e-mail, or fax.
- You may also pick up the search results in person at the JPL
- Library's Online Search Center. This alternative to self-help search-
- ing is an option worth exploring.

LIBRARY RENOVATION PROJECT

by Mickey Honchell

- The JPL Library has recently completed a year-long renovation of
- its facilities in building 111. We have enlarged our lobby area, giv-
- ing us more room for our reference collection and access to our

online computer terminals. The Library has doubled its collection capacity by installing compact shelving in the periodical and book wings. This will allow us to store our newer publications in conventional shelving and archive our older books and periodicals in the compact shelf area. The reading room has been enlarged to provide more room for current journals and to give our customers more comfortable space in which to read.

DESKTOP SOLUTIONS: ONLINE REQUESTS

by Jennifer Momjian

The JPL Technical Library offers two desktop solutions for submitting online requests. The BEACON Catalog at the BEACON Web site (<http://beacon.jpl.nasa.gov>) has a menu of online request choices. You can place a hold on a title you found in the catalog; purchase a book or journal subscription; request a copy of a journal article or conference paper; ask a reference question; or request an online search. You can send a request from the BEACON Catalog at any time day or night, from the Lab or from home. This feature of the BEACON site has been very popular. We average 140 requests a month.

The most recent addition to our desktop solutions program is a library e-mail address (library@jpl.nasa.gov). You can send an entire bibliography of citations as an e-mail and only once fill out the required information: name, mail stop, employee number, extension and account code. This is another solution which can be used from home or the Lab at any time of day. You will receive a reply from one of the Reference Librarians to keep you posted on the status of your request.

Of course, we still use phone net (Ext. 4-4200), fax net (Ext. 3-6752), mail net (111-113) and sneaker net (bldg. 111-103).

FIRSTSEARCH DATABASES AVAILABLE

by Ann Bagne

FirstSearch provides a Web-based search interface to over 60 bibliographic databases in a wide range of subject areas — arts and humanities, science and engineering, law and public affairs. There is no charge to you for searching the databases. The only charge is for the copying of articles. To obtain copies of the articles indexed in any of these databases, you can print the search results and bring, mail, telephone, or fax them with your instructions (including your name, employee number, extension, mail stop, and JPL account) to the JPL Library, 111-113, fax: 3-6752, or e-mail them to library@jpl.nasa.gov. The results of a search can also be tagged and e-mailed directly from the database to the library using the system's e-mail feature and adding the necessary information in the comments area.

To access *FirstSearch*, click on the Electronic Abstracts and Indexes button on the BEACON Web site (<http://beacon>). Some databases of particular interest to the JPL community are *INSPEC* (listed under Engineering and technology), and *Dissertation Abstracts* (listed under General and reference), *PapersFirst*, and *Index to Conference Papers and Proceedings* (listed under Conferences and proceedings). For more information, call the Reference Desk, Ext. 4-4200.

NEW REFERENCE BOOKS

by Ann Bagne

■ QB600.2 E53 1997 (in Ready Reference)

Shirley, James H., ed., *Encyclopedia of Planetary Sciences*. New York, Chapman & Hall, 1997.

A comprehensive encyclopedia of planetary sciences. Each signed article has been written by an expert in the field — many from JPL. Articles include bibliographies and cross references to other related articles in the encyclopedia.

■ QB651 S347 1997

Schmadel, Lutz D., *Dictionary of Minor Planet Names*. 3d revised and enlarged edition. Berlin, Springer, c1997.

When the first edition of this book was published, approximately 3700 minor planets were numbered and only about 2500 were named; this edition contains the names for 5249 of a total of 7041 numbered minor planets. The entries, arranged numerically, include the discoverers and place of discovery, the significance of the name, and any other information of note — for example, the first minor planet discovered by a woman (G. N. Neujmin) was (1112) Polonia. There are a number of appendices, an index of preliminary designations, and an alphabetical index of names.

■ QC94 C295 1998

Cadarelli, Francois, *Scientific Unit Conversion: A Practical Guide to Metrication*. London, Springer, 1998, c1997.

This book provides a very comprehensive guide to the conversion of scientific units to their SI equivalents. It contains more than 10,000 conversion factors and about 2000 definitions of the units themselves. In addition to the modern systems of measurement, there are descriptions of ancient and of older national and regional systems. Detailed conversion tables of everything from a.u. of action to zuzah are followed by a number of useful appendices.

■ QC173 A827 1996

Drake, Gordon W. F., ed., *Atomic, Molecular, & Optical Physics Handbook*. Woodbury, New York, AIP Press, c1996.

This book provides a source for the key ideas, techniques, formulas and results in the fields of atomic, molecular, and optical physics. Each of the 88 chapters is written by an authority or authorities in the field.

■ QC854 E523 1996

Schneider, Stephen H., ed., *Encyclopedia of Climate and Weather*. New York, Oxford University Press, 1996.

This two-volume encyclopedia presents a multidisciplinary approach to climate and weather, drawing not only on the field of meteorology but on other fields as diverse as geography, archeology, and history. Topics range from "adiabatic processes" and the "ozone hole" to "clothing and climate" and "proverbs."

■ TK6574 R34 1997

Barton, David K., ed., *Radar Technology Encyclopedia*. Boston, Artech House, c1997.

This encyclopedia is a joint project of leading American and Russian radar experts. It contains over 5000 entries on terms and concepts regarding radar, antenna, and microwave technology. It covers the 50 years of radar technology and includes previously unavailable Russian information.

■ TK788 B25 1996

Baker, David, *Spaceflight and Rocketry; a Chronology*. New York, Facts on File, c1996.

This chronology covers the daily events that have contributed to the fields of rocketry and spaceflight from 360 BC through 1993. Obscure and cancelled projects that have contributed to technological development have been included. The entries are particularly strong in the technical details of the various rockets, satellites, and space vehicles. There is a comprehensive subject index.

NEW ARCHIVES SYSTEM TO LAUNCH IN SPRING

by Julie Cooper

Later this spring, the JPL Archives will launch its new online information system. The Bibliographic and Electronic Access CONnection for Archives (BEACON-Archives) is similar to the electronic catalog already in use at the JPL Library. BEACON-Archives provides an online public access catalog which indexes the finding aids of the Archives. Researchers will be able to search for a document description or collection description using title, author, document number, subject terms, or any words and phrases appearing in the catalog entry.

The future BEACON-Archives will also provide online access to images of selected historical documents and photographs, audio clips from oral history interviews, and video clips from JPL historical films and videos.

BEACON-Archives will be accessible from all on-Lab and off-Lab locations through a Web browser such as Netscape. The URL will be <http://beacon-archives> from on-Lab computers and <http://beacon-archives.jpl.nasa.gov/> from off-Lab computers.

After BEACON-Archives is launched, the Archives' public and internal Web sites will still be available at <http://techinfo.jpl.nasa.gov/archives> (Public) and <http://techinfo/jpl/sec643/archives.htm> (Internal). They provide general information about how to do research in the Archives, list topics covered by the Archives collections and oral history interviews, and provide links to related sites.

Notices will be sent out when the system is ready to be launched. If you have any questions about BEACON-Archives, or want additional information, please contact the Archives at Ext. 7-7674.

BUSINESS INDEX ASAP

by Eric Hines

Business Index ASAP is now available to all JPL desktops. It is a key resource for anyone who wants the most up-to-date and comprehensive business information. *Business Index ASAP* is a one-stop

- resource for: management, taxation, finance, international business, and other business-related topics. Use this database to find articles on new technologies and products, local and regional business trends, finance, acquisitions and mergers, international trade, money management, investments, and banking.

- *Business Index ASAP* has approximately 1,000,000 articles that cover the years from 1995 to the present. It is available 24 hours a day and provides indexing and abstracts for approximately 1000 business titles including *The Wall Street Journal*, *The Asian Wall Street Journal Weekly*, *The Financial Times of Canada*, and *The New York Times* (Business Section). Full text is provided for more than 450 of these titles.

- *Business Index ASAP* can be found on the BEACON site located at <http://beacon.jpl.nasa.gov> under the Electronic Books & Journals button. For more information, please contact the Reference Desk at Ext. 4-4200.

INSTITUTE OF PHYSICS ELECTRONIC JOURNALS

by Barbara Amago

- Many new journals have been added to JPL's site license for the journals of the Institute of Physics (IOP). In fact, JPL now has full-text electronic access to all 33 of the journals published by the IOP. They have been linked to the BEACON Electronic Books and Journals list (<http://beacon>), or you can link directly to the site at <http://www.iop.org/EJ/welcome> where IOP has made the most of the electronic medium by adding many new features to their electronic journals.

- One of the most useful features, called Hypercite, provides hyperlinks from an article to others that make reference to it and to others referenced by it – if a cited paper exists in the IOP database, you can link to it; if an abstract of the paper exists in the INSPEC database, the full abstract can be viewed; if there are other papers in the IOP database that cite this paper, a link is provided. As the database grows, this capability will become an increasingly valuable way of tracking ongoing research on a topic.

- Among the other useful features of the IOP full-text database is the ability to set up a personal ID and password that will allow you to access the journals from home. Once you have accessed the site from your JPL computer and set up your personal profile, you can use it to log in from non-JPL computers. Other services include e-mail alerting, personal journal page, and personal filing cabinet. For additional information, you may contact the Library Reference Desk at Ext. 4-4200.



Jet Propulsion Laboratory
California Institute of Technology

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WEB SITES OF PARTICULAR INTEREST

by Ray Hewitt

The U.S. Postal Service maintains a Web site that can be viewed at <http://www.usps.gov> which includes zip code information and a rate calculator.

Are you having a software problem? If so, check out Bugnet at <http://www.bugnet.com> which purports to be "the journal of record for bugs, glitches, and incompatibilities in PC software and hardware."

Carroll's Directories, those reference desk staples, can be viewed at <http://www.carrollpub.com> where they provide Federal, State, County, and Municipal information.

The National Space Science Data Center (NSSDC) provides access at <http://nssdc.gsfc.nasa.gov> to a wide variety of astrophysics, space physics, solar physics, lunar and planetary data from NASA space flight missions.

The CIIR (Center for Intelligent Information Retrieval) at the University of Massachusetts maintains the GOVBOT database at <http://cobar.cs.umass.edu/ciirdemo/Govbot> which covers over 459,000 Web pages from US Government and Military sites.

CNN has installed a comprehensive currency converter covering currencies of 164 countries at <http://cnn.com/travel/currency/index.html>

Research-it! is a one-stop reference desk with data from acronyms to ZIP codes. Dictionaries, translators, and currency converters are featured. The People Finder is especially interesting with mini-bios on thousands of noted persons of the past and present. Go to <http://www.itools.com/research-it/research-it.html> directly.

Use http://www.fed.gov/infowwy/gov_acro.html for commonly used US government acronyms and abbreviations.

Space News, the newsweekly of the international space community, is online at <http://www.spacenews.com> where free registration is required.

NASA has consolidated access for most of its images on the NIX (NASA Image eXchange) server at <http://nix.nasa.gov/>

BEACON SPEAK

by Corinna Wilde

The books we order for the long-term use of library customers used to be called "Extended Loans" or "Long-Term Loans" because we used to catalog them and charge them out to people for indefinite periods. Several years ago the decision was made to catalog only library-owned materials. But, since the Library still orders books for the long-term use of JPL staff, we now call them "Desk Copies." And they're still yours to use as long as you work at JPL.